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CRITICAL VALUE ranges are listed below. All results falling within these parameters are rechecked, recheck value noted on the back of the Lab copy of the patient's slip or in the computer system, and reported to the nursing station OR the physician IMMEDIATELY using the read back policy. After the nursing station or the physician has been notified, the patient's report is to be initialed by the tech calling the report, the time and the name of the person who took the report will be noted on the report slip or noted as above in the computer system (Call1). The result will be flagged with * and rechecked will be noted on the bottom of the requisition slip or will be noted on a computer generated report.

Critical Value List

TEST	LOW	HIGH
Hematocrit	≤ 21%	
Hemoglobin	≤ 7 g/dL	
Neutrophil #	≤ 500/uL or ≤ 0.5 x10 ³ /uL	
Platelet Count	≤ 30, 000/uL or ≤ 30.0 x10 ³ /uL	
INR		≥ 5.0
PTT		> 120 seconds
D-Dimer		>2.0 mg/L
Urine Glucose – pediatric		4+ Clinitest
Urine Sediment		RBC Casts
Total Bilirubin - newborn		≥ 12 mg/dL
Calcium	≤ 6 mg/dL	≥ 14 mg/dL
Glucose	≤ 40 mg/dL	≥ 500 mg/dL
Glucose – newborn	≤ 30 mg/dL	≥ 200 mg/dL
Potassium	≤ 2.5 mEq/L	≥ 6.5 mEq/L
Potassium – Hemolyzed	≤ 3.0 mEq/L	≥ 8.0 mEq/L
Potassium – Newborn	≤ 2.5 mEq/L	≥ 8.0 mEq/L
Sodium	≤ 110 mEq/L	≥ 170 mEq/L
CO2	≤ 10 mEq/L	≥ 70 mEq/L
Lithium		≥ 2 mEq/L
Therapeutic Drug Monitoring: Trough Values only (no Peak Critical Values)		
Digoxin: >2.5ng/ml		
Gentamicin Trough: >4mg/dl Tobramycin Trough: >4mg/dl Vancomycin Trough: >30mg/dl		
Positive Blood Culture		
Positive CSF Gram Stain/Culture		
RESPIRATORY		
pH	≤ 7.29	≥ 7.50
PCO2	≤ 24 mmHg	≥ 60 mmHg
PO2	≤ 55 mmHg	